

# PATENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>P 03-214</b>	FOR FURTHER ACTION	see Form PCT/ISA/220 as well as, where applicable, item 5 below.
International application No. <b>PCT/SE 2003/001494</b>	International filing date ( <i>day/month/year</i> ) <b>25 Sept 2003</b>	(Earliest) Priority Date ( <i>day/month/year</i> )
Applicant <b>St. Jude Medical AB et al</b>		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report
  - a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
   
 The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
  - b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
2.  Certain claims were found unsearchable (see Box No. II)
3.  Unity of invention is lacking (see Box No. III)
4. With regard to the title,
  - the text is approved as submitted by the applicant.
  - the text has been established by this Authority to read as follows:
5. With regard to the abstract,
  - the text is approved as submitted by the applicant.
  - the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the drawings,
  - a. the figure of the drawings to be published with the abstract is Figure No. 5
  
 as suggested by the applicant.
   
 as selected by this Authority, because the applicant failed to suggest a figure.
   
 as selected by this Authority, because this figure better characterizes the invention.
  - b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001494

## A. CLASSIFICATION OF SUBJECT MATTER

**IPC7: A61N 1/37 // A61N 1/368**

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

**IPC7: A61N**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

**SE,DK,FI,NO classes as above**

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**EPO-INTERNAL, WPI DATA, PAJ, MEDLINE, BIOSIS, INSPEC**

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6587723 B1 (SLOMAN, L.S. ET AL), 1 July 2003 (01.07.2003), column 6, line 66 - column 7, line 19; column 8, line 19 - line 46, figures 1,2, 4a,4b  --	1-4
A	US 2002082650 A1 (STAHHMANN, J.E. ET AL), 27 June 2002 (27.06.2002), paragraphs [0005]-[0007], [0024]-[0028], [0035]-[0036]; figures 1-5  --	1-4
A	EP 1155711 A2 (PACESETTER, INC.), 21 November 2001 (21.11.2001), paragraphs [0021]-[0031], [0050]-[0051]; figures 1,2  --	1-4

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y"	document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search

25 March 2003

Date of mailing of the international search report

30-03-2004

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2003/001494

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1155712 A2 (PACESETTER, INC.), 21 November 2001 (21.11.2001), paragraphs [0019]-[0025], [0032] --	1-4
A	WO 0174441 A2 (CARDIAC PACEMAKERS, INC.), 11 October 2001 (11.10.2001), page 3, line 28 - page 7, line 17, figures 1-3 --	1-4
A	US 6148234 A (STRUBLE, C.), 14 November 2000 (14.11.2000), figures 1-4, summary of the invention -- -----	1-4

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

27/02/2004

International application No.

PCT/SE 2003/001494

US	6587723	B1	01/07/2003	NONE		
US	2002082650	A1	27/06/2002	US US	6522921 B 2003220670 A	18/02/2003 27/11/2003
EP	1155711	A2	21/11/2001	US	2001049543 A	06/12/2001
EP	1155712	A2	21/11/2001	US	6549806 B	15/04/2003
WO	0174441	A2	11/10/2001	AU US	4953201 A 6615089 B	15/10/2001 02/09/2003
US	6148234	A	14/11/2000	EP	0990451 A	05/04/2000